DEEPWATER News

Washington DC | ***People...Partnership...Performance*** | **July 2003**

Our vision:

By focusing on ***People*** working collaboratively in full ***Partnership***, we will achieve ***Performance*** for: "Keeping the U.S. Coast Guard the world's best ...properly equipped and fully prepared to meet every maritime challenge of the 21st Century."

2003 NDIA – U.S. COAST GUARD INNOVATION EXPO WAS A HUGE SUCCESS!

The 2003 National Defense Industrial Association (NDIA) – U.S. Coast Guard Innovation Expo held mid May in Baltimore, Maryland was once again a resounding success. For the second year in a row, the Innovation Expo was held at the Baltimore Marriott Waterfront. The Innovation Expo was kicked off with opening comments by ADM Thomas Collins followed by Mr. Arthur Johnson, Lockheed Martin Senior Vice President Corporate Strategic Development, as the keynote speaker.

This year, the Expo was held in conjunction with the Spring Flag/SES Conference. The senior leadership of the Coast Guard was able to view first hand the innovative minds of the ranks of our Service. And these young Einsteins were able to show how ingenious they are in order to make their jobs easier.

Attendees and exhibitors were able to enjoy the over 100 exhibits as well as numerous thought provoking panels. Booths were manned by both Coast Guard and industry members and displayed innovative solutions as well as presenting the challenges faced in maritime homeland security.

Group Key West demonstrated their initiative of combining the watch sections for the nine 110' patrol boats homeported there. The installation of an alarm and monitoring system on the patrol boats and a guard shack strategically positioned to view each patrol boat will increase the quality of life for the crew, particularly significant as a result of the increased high optempo in their area of responsibility.

Air Station Cape Cod demonstrated the portable computing technology adapted to the cockpit that allows the air crew to see where they are on nautical, aviation, and street charts at all times. This technology also allows the crew to quickly perform flight calculations, view photographs of landing sites, access checklists, maintenance manuals and flight publications.

Group Mayport illustrated the revolutionary way CyberFORCE, a Motorola RIM

Interactive Pager 950 has assisted the Boarding Officer. Weighing only four ounces, the CyberFORCE provides the boarding team direct access to local, state and national law enforcement databases allowing them to query persons, boat registration, weapons serial numbers and driver's licenses directly from the boarding platform. As a result, Group Mayport is able to conduct more boardings in a shorter period of time.

Another initiative is the accredited National Graduate School Masters Program made available to 27 Coast Guard persons in the New England area. Upon completing the 12 month team-based, results focused program, a Masters of Science Degree in Quality Systems Management is awarded. This program requires a business project in lieu of a thesis and emphasizes team activities while delivering a positive return on the investment for the Service.

This year's event included international participation with Canada, Australia and New Zealand being represented.

The panels focused on maritime homeland security and were comprised of both government and private industry members. Panel topics included human capital management; detection and sensors, command and control, and intel and information sharing as they relate to maritime domain awareness; workflow differences in a portal environment; change management; agency cross collaboration; successes in Innovation; and industry partnerships.

After hours, attendees and exhibitors enjoyed the sights of the Baltimore waterfront. The first night of the Expo gave participants the chance to mingle with each other during a reception held on the Expo floor. The second night of the Expo found the participants touring the CGC TANEY and reliving her rich history. The weather held out that night as all enjoyed the outdoor reception

The three-day Innovation Expo ended with VADM Thomas Barrett presenting the U.S. Coast Guard Innovation and Quality Awards.

INSIDE THIS ISSUE:

RECENT EVENTS

Top officials from the Department of Homeland Security and Department of Defense met on July 21 at Patuxent River Naval Air Station, Md., to observe a demonstration of modern unmanned aerial vehicles (UAVs). Shown here, from left, Deputy Secretary for Homeland Security Gordon England, Coast Guard Commandant ADM Thomas H. Collins, and RADM Jack Chenevey, the Navy Program Executive Officer for Strike Weapons and Unmanned Aviation, confer following the event. "This is a technology we need in the Department of Homeland Security," said England. The Deepwater program incorporates UAVs in its recapitalization of aviation assets. Bell Helicopter was awarded a contract in February to commence concept and preliminary design work for its Eagle Eye tilt-rotor vertical-launch unmanned aerial during the first phase of the UAV portion of the program. "We view UAVs in the Coast Guard as one of those key enabling technologies that we would like to embed into our systems," said Collins.

DID YOU KNOW?

In July 1957, USCGC SPAR, BRAMBLE, and STORIS departed Seattle WA. for their traversal of the Northwest Passage. The three arrived in Boston after the successful completion of the mission on 19 September 1957. They were the first U.S. vessels to make the journey.

The USCGC PADRE arrived at Bollinger Shipyard in Lockport, LA on 29 July 2003. The third 110' WPB to undergo the Deepwater modernization process, the USCGC PADRE was placed in "inactive — pending placement in commission" status.

SPOTLIGHT: DEEPWATER OPERATIONAL TEST AND EVALUATION (OT&E) DETACHMENT, AN OVERVIEW

The Deepwater Sponsor formalized an Operational Test and Evaluation (OT&E) relationship with the U. S. Navy's independent OT&E Command, Commander, Operational Test and Evaluation Force (COMOPTEVFOR). The goal for establishing this relationship is to ensure the operational effectiveness and operational suitability of the IDS and its assets while reducing total ownership costs. Most importantly, this relationship will help to ensure that the United States Coast Guard operator receives the best possible system of systems. The conduct of independent OT&E places the designed and delivered USCG system or asset into the hands of the end user to test in the intended operational environment replicating USCG missions against representative threats. The end result is an independent analysis and evaluation of the system or asset by the end user. The benefit is that the end user is placed into the acquisition process to communicate his or her operational concerns prior to committing significant amounts of resources. Additionally, independent OT&E provides a valuable check and balance to the acquisition process.

Deepwater OT&E Detachment Mission:

- Provide Operational Test and Evaluation support to the US Coast Guard Sponsor's Representative Commandant (G-OCD) through coordination of all OT&E efforts, submission and execution of test plans and associated documentation and well as follow on testing as required to support USCG efforts. The Commander of COMOPTEVFOR will provide the independent signature authority on all Operational Test and Evaluation Reports and provide those reports directly to the Vice Commandant of the US Coast Guard
- Integrate and interact with COMOPTEVFOR staff, military and contractor counterparts, local and geographically separated Coast Guard activities, as well as branches of the DoD and other federal agencies as required.
- Under the most operationally realistic conditions possible provide objective and realistic assessments of operational effectiveness and suitability to the Commandant, Sponsor or acquisition decision-making community through establishing and maintaining close and early working relationships with all program activities during all phases of the development cycle as well as quality systems testing using various conditions and scenarios.
- Specifically, OT&E Detachment plans, executes and independently evaluates the operational effectiveness and operational suitability of Deepwater aviation, surface, and C4ISR systems and assets.